

10/707,814

hydrogen at pressures ranging from atmospheric to 100 pounds per square
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(FILE 'HOME' ENTERED AT 14:39:33 ON 03 NOV 2006)

FILE 'HCAPLUS, HCAOLD, USPATFULL, EPFULL' ENTERED AT 14:39:56 ON 03 NOV
2006

L1	1442673	S	METALS OR METAL VALUES OR METAL CATALYST? OR HEAVY METAL?
L2	578601	S	L1 AND (REMOVING OR REMOVE? OR REMOVAL OR SEPARAT? OR RECOVER
L3	951965	S	SILICA OR SILICA GEL
L4	70271	S	L3 AND (?MERCAPTAN OR ?MERCAPTOETHANOL OR MERCAPTO?)
L5	52082	S	L4 AND (CONDENS? OR COUPL?)
L6	19240	S	L2 AND L5
L7	1894	S	L6 AND AZEOTROP?
L8	1547	S	L7 AND DISTILL?
L9	1254	S	L8 AND EVAPORAT?
L10	1254	S	L9 AND (WATER REMOVAL OR REMOVAL OR WATER OR DEHYDRAT?)
L11	1239	S	L10 AND SOLVENT
L12	1165	S	L11 AND TOLUENE
L13	834	S	L12 AND (COPPER OR LEAD OR CADMIUM)
L14	0	S	L13 AND COORDINATING AGENT
L15	418	S	L13 AND SODIUM SULFATE
L16	413	S	L15 AND ACETATE
L17	3322	S	DEAN-STARK APPARATUS
L18	44	S	L16 AND L17

WEST Search History

DATE: Friday, November 03, 2006

<u>Hide?</u>	<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>
	<i>DB=PGPB; PLUR=YES; OP=ADJ</i>		
<input type="checkbox"/>	L29	l28 and (silica or silica gel.CLM.)	0
<input type="checkbox"/>	L28	extraction of metals or metal extraction.CLM.	10
<input type="checkbox"/>	L27	extraction or metals or metal extraction.CLM.	525519
<input type="checkbox"/>	L26	l25 and azeotrop\$.CLM.	5
<input type="checkbox"/>	L25	l24 and (condens\$ or coupl\$.CLM.)	4141
<input type="checkbox"/>	L24	l23 and (mercaptan or mercaptoethanol or mercapto\$.CLM.)	7070
<input type="checkbox"/>	L23	l22 and (silica or silica gel.CLM.)	69943
<input type="checkbox"/>	L22	l21 and (removing or recovering or separat\$ or removal.CLM.)	356471
<input type="checkbox"/>	L21	metals or metal compound or metal catalyst or metal values.CLM.	467782
	<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI; PLUR=YES; OP=ADJ</i>		
<input type="checkbox"/>	L20	l19 and (azeotropic attachment or azeotropic coupling)	0
<input type="checkbox"/>	L19	mercaptan and silica	17380
<input type="checkbox"/>	L18	metals or metal values or metal compounds or metal catalyst.CLM.	4557777
<input type="checkbox"/>	L17	recovery of metals or recovery of metal values	1
<input type="checkbox"/>	L16	removal of metals or removal of metal values	4
<input type="checkbox"/>	L15	l13 and l14	119
<input type="checkbox"/>	L14	dean-stark	14856
<input type="checkbox"/>	L13	l12 and acetate	486
<input type="checkbox"/>	L12	l11 and sodium sulfate	491
<input type="checkbox"/>	L11	l10 and toluene	929
<input type="checkbox"/>	L10	l9 and solvent	1022
<input type="checkbox"/>	L9	l8 and (copper or lead or cadmium)	1030
<input type="checkbox"/>	L8	l7 and (distilled or distillation or distilling)	1479
<input type="checkbox"/>	L7	l6 and azeotrop\$	1758
<input type="checkbox"/>	L6	l4 and l5	16058
<input type="checkbox"/>	L5	\$mercaptan or \$mercaptoethanol	78259
<input type="checkbox"/>	L4	l2 and l3	288670
<input type="checkbox"/>	L3	silica or silica gel	599788
<input type="checkbox"/>	L2	l1 and (removing or remove\$ or removal or separat\$ or recover\$)	2353239
<input type="checkbox"/>	L1	metals or metal values or metal compounds or metal catalyst	4557777